

Current-Carrying Wiring Device Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
335931, Current-carrying wiring device manufacturing	2002..	396	459	37 349	1 286 435	25 958	48 748	693 800	4 083 809	2 429 584	6 507 922	'185 066
	2001..	N	N	39 870	1 280 019	28 036	53 017	692 858	3 956 642	2 347 981	6 345 095	173 781
	2000..	N	N	44 449	1 400 116	32 095	61 643	790 474	4 630 661	2 694 011	7 293 888	207 548
	1999..	N	N	45 479	1 385 488	33 024	63 523	797 208	4 530 581	2 529 934	7 053 095	248 988
	1998..	N	N	46 125	1 368 999	33 526	65 502	810 059	4 053 665	2 500 536	6 594 066	239 322
	1997..	446	519	44 907	1 293 583	32 867	63 417	754 029	3 553 666	2 326 114	5 877 522	219 293

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
335931, Current-carrying wiring device manufacturing												
United States	—	459	229	37 349	1 286 435	25 958	48 748	693 800	4 083 809	2 429 584	6 507 922	185 066
California	1	59	22	2 370	85 098	1 607	3 140	41 569	229 795	108 224	338 238	6 498
Florida	1	25	9	1 697	51 843	1 134	1 997	26 767	135 488	117 623	252 300	18 743
Georgia	1	11	9	1 141	38 548	670	1 413	14 536	35 295	23 630	58 765	583
Illinois	1	39	22	3 184	112 839	2 417	4 575	68 776	268 098	251 152	518 503	17 489
Massachusetts	—	27	15	3 170	112 518	2 115	3 784	54 430	316 589	222 675	542 741	8 264
Michigan	—	17	9	1 598	61 883	1 080	2 420	33 610	132 902	94 466	228 409	5 043
New Jersey	2	22	13	878	31 168	588	1 124	14 547	74 235	76 025	148 226	7 265
North Carolina	1	11	9	3 524	102 579	2 825	5 653	73 146	262 715	127 152	392 780	6 709
Ohio	1	31	16	3 317	103 689	2 544	4 548	68 274	237 555	252 515	488 738	17 387
Pennsylvania	—	29	13	2 924	131 587	1 675	3 193	52 285	378 725	236 087	615 524	18 511
Texas	4	17	8	628	21 309	459	964	11 024	71 056	35 386	106 172	1 091
Wisconsin	—	10	6	1 242	51 517	670	1 159	21 670	144 238	130 658	271 955	3 595

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
335931, Current-carrying wiring device manufacturing	
Companies ¹	number.. 396
All establishments ²	number.. 459
Establishments with 1 to 19 employees	number.. 230
Establishments with 20 to 99 employees	number.. 126
Establishments with 100 employees or more	number.. 103
All employees ³	number.. 37 349
Total compensation	\$1,000.. 1 623 009
Annual payroll	\$1,000.. 1 286 435
Total fringe benefits	\$1,000.. 336 574
Production workers, average for year	number.. 25 958
Production workers on March 12	number.. 26 125
Production workers on May 12	number.. 25 980
Production workers on August 12	number.. 26 028
Production workers on November 12	number.. 25 650
Production worker hours	\$1,000.. 48 748
Production worker wages	\$1,000.. 693 800
Total cost of materials	\$1,000.. 2 429 584
Materials, parts, containers, packaging, etc., used	\$1,000.. 2 008 432
Resales	\$1,000.. 264 621
Purchased fuels	\$1,000.. 8 458
Purchased electricity	\$1,000.. 57 133
Contract work	\$1,000.. 90 940
Quantity of electricity purchased for heat and power	1,000 kWh.. 971 173
Quantity of electricity generated less sold for heat and power	1,000 kWh.. S
Total value of shipments	\$1,000.. 6 507 922
Primary products value of shipments	\$1,000.. 5 067 883
Secondary products value of shipments	\$1,000.. 893 922
Total miscellaneous receipts	\$1,000.. 546 117
Value of resales	\$1,000.. 529 881
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 85
Value of primary products shipments made in all industries	\$1,000.. 5 582 438
Value of primary products shipments made in this industry	\$1,000.. 5 067 883
Value of primary products shipments made in other industries	\$1,000.. 514 555
Coverage ratio	percent.. 91
Value added	\$1,000.. 4 083 809
Total inventories, beginning of year	\$1,000.. 618 248
Finished goods inventories	\$1,000.. 199 289
Work-in-process inventories	\$1,000.. 133 670
Materials and supplies inventories	\$1,000.. 285 289
Total inventories, end of year	\$1,000.. 612 010
Finished goods inventories	\$1,000.. 217 210
Work-in-process inventories	\$1,000.. 121 220
Materials and supplies inventories	\$1,000.. 273 580
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '2 873 352
Total capital expenditures (new and used)	\$1,000.. '185 066
Buildings and other structures (new and used)	\$1,000.. '16 800
Machinery and equipment (new and used)	\$1,000.. '168 266
Automobiles, trucks, etc., for highway use	\$1,000.. '2 940
Computers and peripheral data processing equipment	\$1,000.. '15 848
All other expenditures for machinery and equipment	\$1,000.. '149 478
Total retirements	\$1,000.. '97 295
Gross value of depreciable assets at end of year	\$1,000.. '2 961 123
Depreciation charges during year	\$1,000.. '222 850
Total rental payments	\$1,000.. 60 540
Buildings and other structures	\$1,000.. 41 206
Machinery and equipment	\$1,000.. 19 334
Total other expenses ⁴	\$1,000.. 398 421
Response coverage ratio ⁵	percent.. 77
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 33 925
Communications services ⁴	\$1,000.. 9 919
Legal services ⁴	\$1,000.. 7 635
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 2 815
Advertising and promotional services ⁴	\$1,000.. 30 622
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 6 837
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 3 743
Management consulting and administrative services ⁴	\$1,000.. 8 203
Taxes and license fees ⁴	\$1,000.. 9 591
All other expenses ⁴	\$1,000.. 285 132

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
335931, Current-carrying wiring device manufacturing											
All establishments	—	459	37 349	1 286 435	25 958	48 748	693 800	4 083 809	2 429 584	6 507 922	'185 066
Establishments with—											
1 to 4 employees	9	117	241	8 318	192	360	5 463	21 157	13 932	35 090	'827
5 to 9 employees	9	52	364	13 000	301	584	8 717	34 048	22 309	56 356	'1 102
10 to 19 employees	6	61	861	31 407	623	1 186	17 441	92 009	55 882	149 627	'2 151
20 to 49 employees	2	77	2 470	86 205	1 759	3 380	48 063	214 964	136 219	352 137	'11 607
50 to 99 employees	1	49	3 511	118 447	2 415	4 730	59 959	374 495	218 148	592 571	'9 929
100 to 249 employees	1	64	9 851	326 940	7 193	13 690	185 003	979 330	724 555	1 687 273	'44 197
250 to 499 employees	—	24	8 531	299 178	5 792	10 701	158 310	790 682	505 198	1 302 740	'42 039
500 to 999 employees	—	11	6 738	236 214	4 442	8 617	128 145	1 071 836	453 142	1 523 600	'50 768
1,000 to 2,499 employees	—	4	4 782	166 726	3 241	5 500	82 699	505 288	300 199	808 528	'22 446
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	192	1 120	41 002	911	1 782	27 193	107 295	71 906	179 202	'3 309

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
335931	Current-carrying wiring device manufacturing	459	37 349	1 286 435	25 958	48 748	693 800	4 083 809	2 429 584	6 507 922	'185 066
3359311	Current-carrying lampholders	5	g	D	D	D	D	D	D	D	D
3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	8	f	D	D	D	D	D	D	D	D
3359315	Current-carrying switches for electrical circuitry (including vehicular switches)	68	13 943	492 966	9 201	17 151	243 251	1 207 135	1 000 672	2 204 864	'69 365
3359317	Current-carrying metal contacts, including precious metal	18	1 668	59 217	1 182	2 143	37 433	120 324	114 284	234 298	'4 318
3359319	Current-carrying wire connectors for electrical circuitry	54	7 676	287 399	5 361	9 583	158 239	1 096 602	500 613	1 594 222	'54 807
335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.) ...	86	9 740	316 177	7 060	13 469	173 118	959 630	673 290	1 633 649	'41 234

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335931	Current-carrying wiring device manufacturing	2002.. N 1997.. N	X X	X X	5 582 438 5 819 728
3359311	Current-carrying lampholders	2002.. N 1997.. N	X X	X X	151 068 194 736
33593111	Current-carrying lampholders	2002.. N 1997.. N	X X	X X	151 068 194 736
3359311100	Current-carrying lampholders ¹	2002.. 19 1997.. 24	X X	X X	151 068 194 736
3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	2002.. N 1997.. N	X X	X X	302 440 460 810
33593131	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	2002.. N 1997.. N	X X	X X	302 440 460 810
3359313100	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type) ¹	2002.. 16 1997.. 19	X X	X X	302 440 460 810
3359315	Current-carrying switches for electrical circuitry (including vehicular switches)	2002.. N 1997.. N	X X	X X	1 830 269 1 900 735
33593151	Current-carrying switches for electrical circuitry (including vehicular switches)	2002.. N 1997.. N	X X	X X	1 830 269 1 900 735
3359315100	Current-carrying switches for electrical circuitry (including vehicular switches) ¹	2002.. 108 1997.. 123	X X	X X	1 830 269 1 900 735
3359317	Current-carrying metal contacts, including precious metal	2002.. N 1997.. N	X X	X X	218 992 221 032
33593171	Current-carrying metal contacts, including precious metal	2002.. N 1997.. N	X X	X X	218 992 221 032
3359317100	Current-carrying metal contacts, including precious metal ¹	2002.. 21 1997.. 24	X X	X X	218 992 221 032
3359319	Current-carrying wire connectors for electrical circuitry	2002.. N 1997.. N	X X	X X	1 275 780 1 614 835
33593191	Current-carrying wire connectors for electrical circuitry	2002.. N 1997.. N	X X	X X	1 275 780 1 614 835
3359319100	Current-carrying wire connectors for electrical circuitry ¹	2002.. 74 1997.. 87	X X	X X	1 275 780 1 614 835
335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	2002.. N 1997.. N	X X	X X	1 562 908 N
335931B1	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	2002.. N 1997.. N	X X	X X	1 562 908 N
335931B100	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.) ¹	2002.. 107 1997.. N	X X	X X	1 562 908 N
335931W	Current-carrying wiring device manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	240 981 241 961
335931WY	Current-carrying wiring device manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	240 981 241 961
335931WYWW	Current-carrying wiring device manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	72 654 67 351
335931WYWY	Current-carrying wiring device manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	168 327 174 610

¹For additional detail, see Current Industrial Report MA335K, Wiring Devices and Supplies.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3359311	Current-carrying lampholders	
	United States 2002 ..	151 068
	..... 1997 ..	194 736
3359313	Current-carrying general-and special-purpose convenience and power outlets (excluding pin-and-sleeve type)	
	United States 2002 ..	302 440
	..... 1997 ..	460 810
3359315	Current-carrying switches for electrical circuitry (including vehicular switches)	
	United States 2002 ..	1 830 269
	..... 1997 ..	1 900 735
	California 2002 ..	96 449
	..... 1997 ..	115 847
	Georgia 2002 ..	18 276
	..... 1997 ..	17 019
	Illinois 2002 ..	240 639
	..... 1997 ..	653 221
	Michigan 2002 ..	134 983
	..... 1997 ..	162 041
	New Jersey 2002 ..	23 868
	..... 1997 ..	20 940
	North Carolina 2002 ..	92 585
	..... 1997 ..	118 495
	Ohio 2002 ..	166 889
	..... 1997 ..	N
	Texas 2002 ..	15 499
	..... 1997 ..	54 887
	Wisconsin 2002 ..	82 662
	..... 1997 ..	32 925
3359317	Current-carrying metal contacts, including precious metal	
	United States 2002 ..	218 992
	..... 1997 ..	221 032
3359319	Current-carrying wire connectors for electrical circuitry	
	United States 2002 ..	1 275 780
	..... 1997 ..	1 614 835
	California 2002 ..	22 764
	..... 1997 ..	113 795
	Illinois 2002 ..	100 649
	..... 1997 ..	98 531
	Massachusetts 2002 ..	75 754
	..... 1997 ..	52 606
	New Jersey 2002 ..	41 902
	..... 1997 ..	53 378
	Ohio 2002 ..	146 671
	..... 1997 ..	100 392
335931B	All other miscellaneous current-carrying wiring devices (attachments, plug caps, connector bodies, lightning arrestors, etc.)	
	United States 2002 ..	1 562 908
	..... 1997 ..	N
	California 2002 ..	91 475
	..... 1997 ..	N
	Florida 2002 ..	133 430
	..... 1997 ..	N
	Georgia 2002 ..	43 237
	..... 1997 ..	N
	Illinois 2002 ..	102 556
	..... 1997 ..	N
	New Jersey 2002 ..	64 073
	..... 1997 ..	N
	North Carolina 2002 ..	197 055
	..... 1997 ..	N
	Ohio 2002 ..	33 644
	..... 1997 ..	N
	Pennsylvania 2002 ..	21 655
	..... 1997 ..	N
	Wisconsin 2002 ..	56 637
	..... 1997 ..	N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
335931	Current-carrying wiring device manufacturing		
00900001	Total materials .....2002..	X	2 008 432
	.....1997..	X	2 002 335
332000AC	Metal stampings .....2002..	X	81 714
	.....1997..	X	86 626
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	85 227
	.....1997..	X	112 521
33200085	All other fabricated metal products (excluding forgings) .....2002..	X	45 324
	.....1997..	X	65 916
33210000	Forgings .....2002..	X	2 007
	.....1997..	X	N
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	8 373
	.....1997..	X	6 756
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished) .....2002..	X	25 024
	.....1997..	X	26 812
33152500	Copper and copper-base alloy castings (rough and semifinished) .....2002..	X	7 971
	.....1997..	X	11 828
33152009	Other nonferrous castings (rough and semifinished) .....2002..	X	9 356
	.....1997..	X	12 628
33120007	Steel bars, bar shapes, and plate (excluding castings, forgings, and fabricated metal products) .....2002..	X	5 902
	.....1997..	X	16 234
33120016	Steel sheet and strip (including tinplate) .....2002..	X	29 901
	.....1997..	X	N
33120033	All other steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	14 835
	.....1997..	X	2 693
33142107	Copper and copper-base alloy rod, bar, and bar shapes (excluding castings, forgings, and fabricated metal products) .....2002..	X	30 846
	.....1997..	X	25 336
33142131	Copper and copper-base alloy plate, sheet, and strip (including military cups and discs) .....2002..	X	46 976
	.....1997..	X	132 042
33142115	All other copper and copper-base alloy mill shapes and forms, including mechanical wire (excluding castings and forgings) .....2002..	X	38 191
	.....1997..	X	26 112
33100038	Aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	42 870
	.....1997..	X	N
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products) .....2002..	X	22 193
	.....1997..	X	N
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	152 497
	.....1997..	X	120 720
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	131 463
	.....1997..	X	94 729
33593101	Current-carrying wiring devices .....2002..	X	163 594
	.....1997..	X	88 320
33141901	Precious metals (gold, platinum, etc.), all forms (including ingot, sheet, strip, solder, plating, electrodes, etc.) .....2002..	X	59 728
	.....1997..	X	62 326
331000A1	Insulated wire and cable (excluding magnet wire) .....2002..	X	42 609
	.....1997..	X	45 369
33441300	Semiconductors (including transistors, diodes, rectifiers, and integrated circuits), for electronic circuitry .....2002..	X	144 700
	.....1997..	X	56 707
32220017	Paper and paperboard containers (including shipping sacks and other paper packaging supplies) .....2002..	X	39 792
	.....1997..	X	35 459
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	754 403
	.....1997..	X	666 358
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	22 936
	.....1997..	X	306 843

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.